

ABSTRACT OF THE DISCLOSURE

5 A process and formulation for pre-treating a cellulosic, or cellulosic blend
with synthetic fiber, substrate, achieving sufficient clearness and appropriate
absorbency prior to dyeing the substrate. The process having the steps of:
providing a vessel; providing a cellulosic, or their blends with synthetic fiber,
substrate; providing a water bath; adding an active amount of an activating
compound selected from the group of: salts of organic acids, organic amine
10 derivatives, transitional metals salts and complexes, pigments, and
combinations thereof; adding an active amount of caustic soda; adding an active
amount of hydrogen peroxide; achieving a pH from about 6.0 to about 9.0 at the
end of the bleaching cycle; heating the water bath to a temperature in excess of
50 degrees centigrade for a pre-determined period of time; and dropping the
15 bath.